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1636

PATENT
Attorney Docket No. 203676

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#14

In re Application of:

Art Unit: 1636

Koszinowski et al.

Examiner: Gerald G. Leffers Jr.

Application No. 09/463,890

Filed: April 28, 2000

For:

RECOMBINANT VECTOR CONTAINING INFECTIOUS,
VIRAL GENOME SEQUENCES GREATER THAN 100 KB,
METHOD FOR PRODUCING SAME, AND USE FOR THE
MUTAGENESIS OF THE VIRAL SEQUENCES

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SUBMISSION OF CORRECTED FORMAL DRAWINGS

Commissioner for Patents
Washington, D.C. 20231

Attn: Official Draftsman

Dear Sir:

Applicants enclose herewith 25 sheets of corrected formal drawings as required by Paper No. 13, dated July 15, 2002, and request that the same be made of record in this application as a substitute for the informal drawings filed with the application on April 28, 2002.

The Commissioner is hereby authorized to charge any fees which may be required to Account No. 12-1216. A duplicate of this communication is enclosed for that purpose.

Respectfully submitted,

Carol Larcher, Reg. No. 35,243
LEYDIG, VOIT & MAYER, LTD.
Two Prudential Plaza, Suite 4900
180 North Stetson
Chicago, Illinois 60601-6780
(312) 616-5600 (Telephone)
(312) 616-5700 (Facsimile)

Date: August 15, 2002

In re Appln. of Koszinowski et al.
Application No. 09/463,890

CERTIFICATE OF MAILING

I hereby certify that this SUBMISSION OF CORRECTED FORMAL DRAWINGS (along with any documents referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, PGPUB DRAWINGS, Washington, D.C. 20231.

Date:

8-15-02 Mark J. Sweetin



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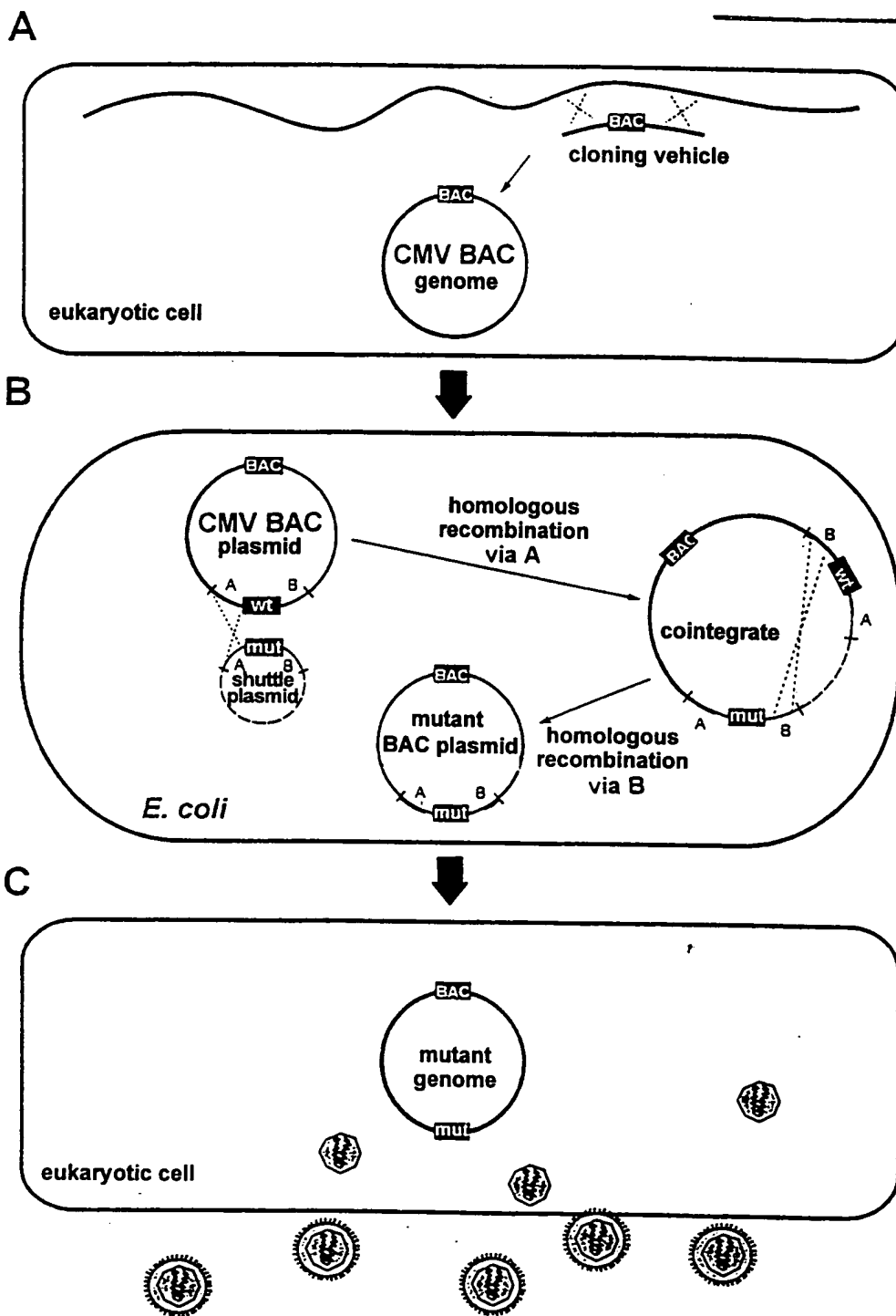
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FIG. 1



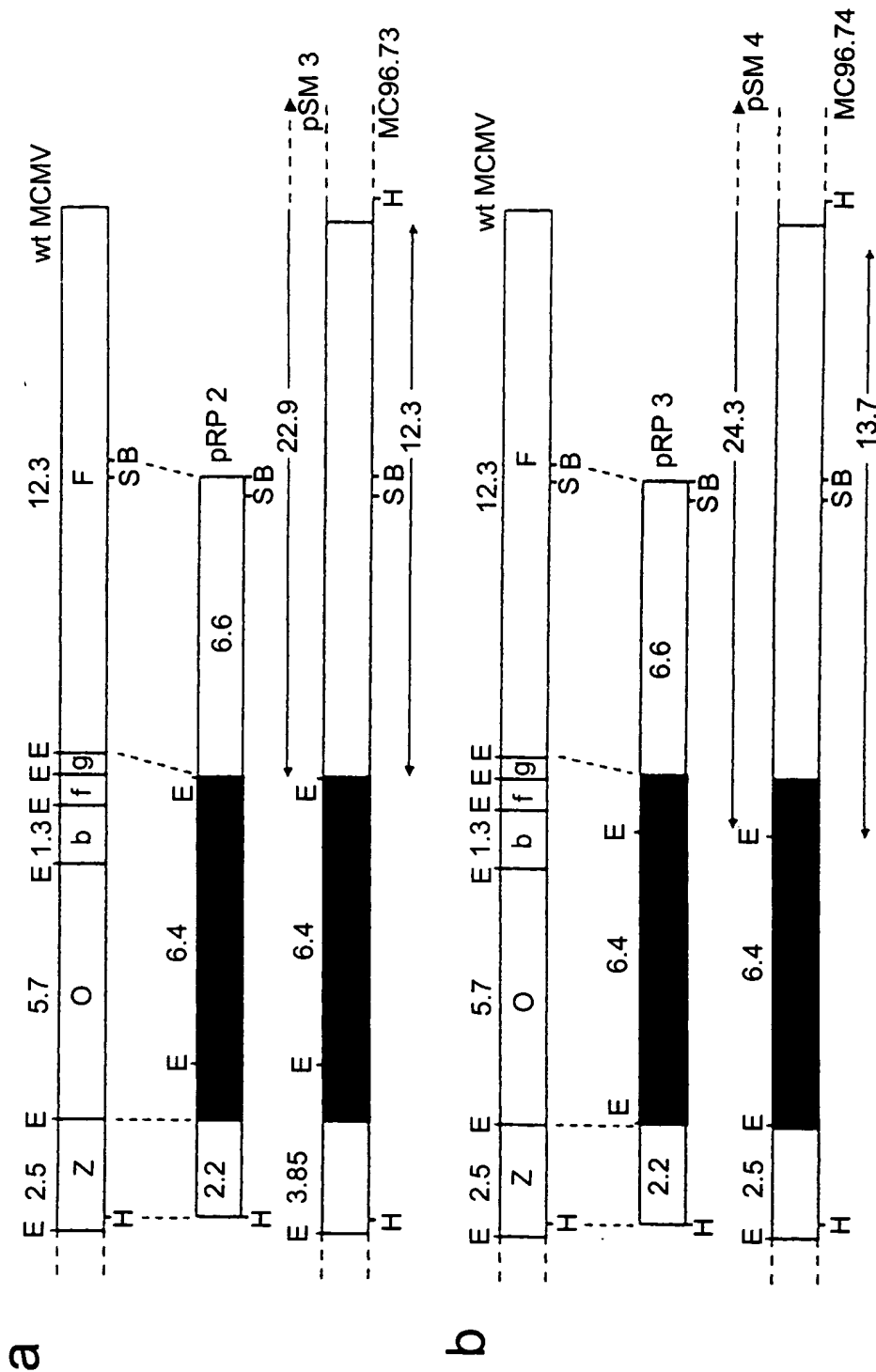


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Fig. 2



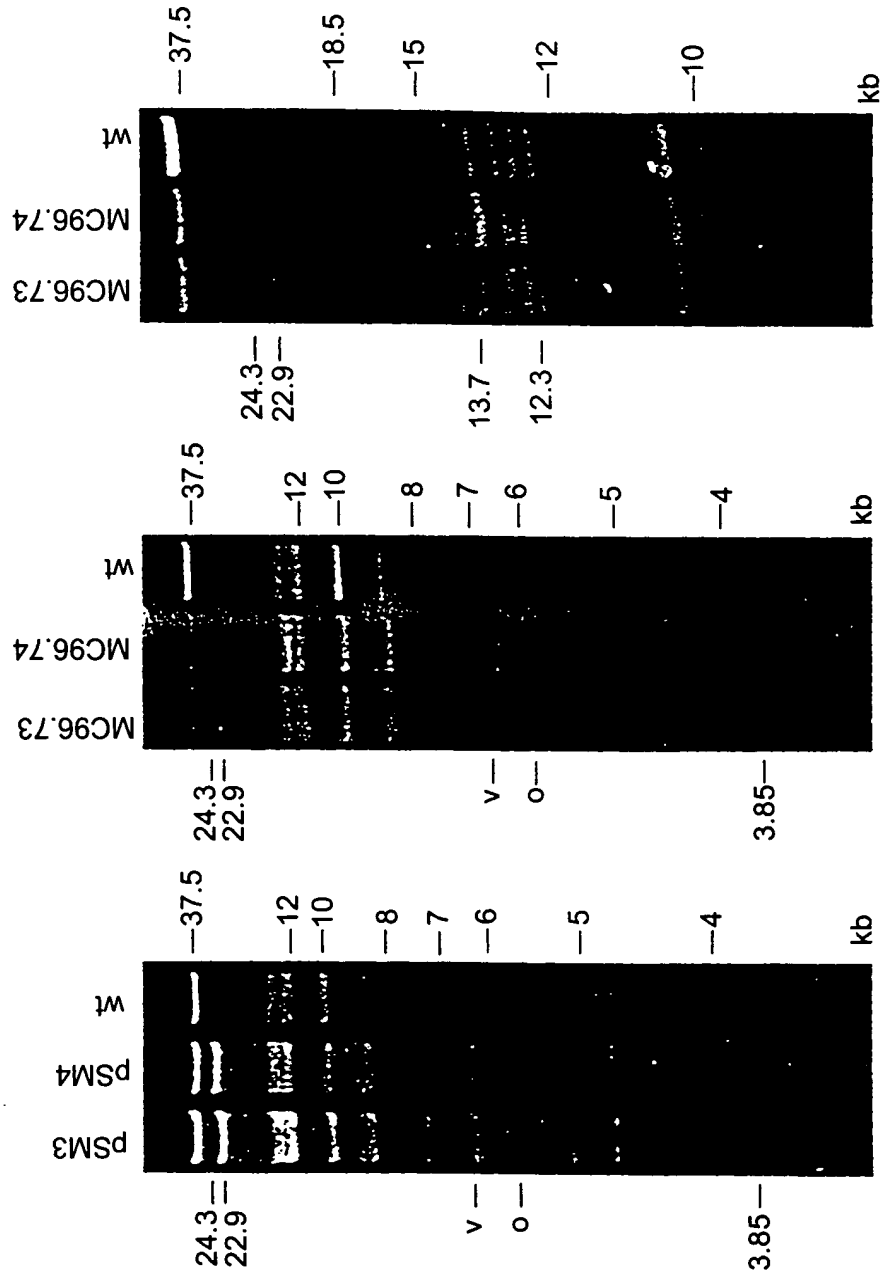


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Fig. 3





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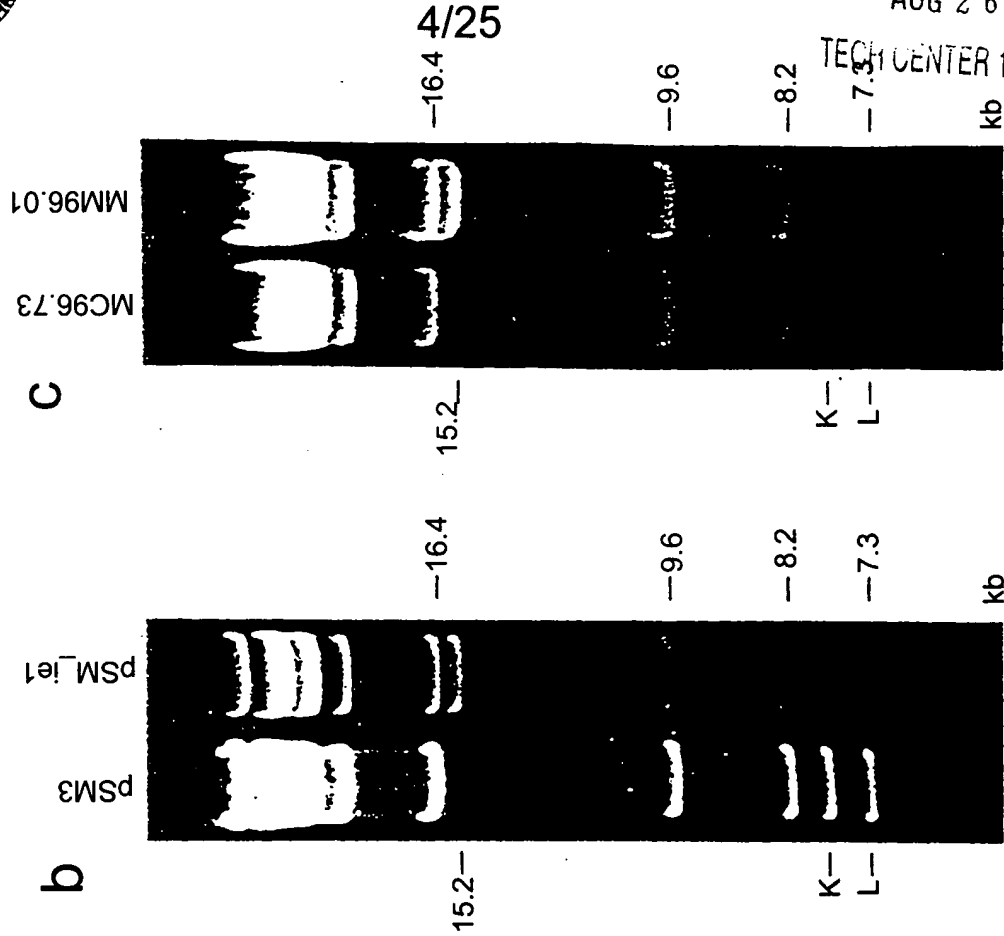
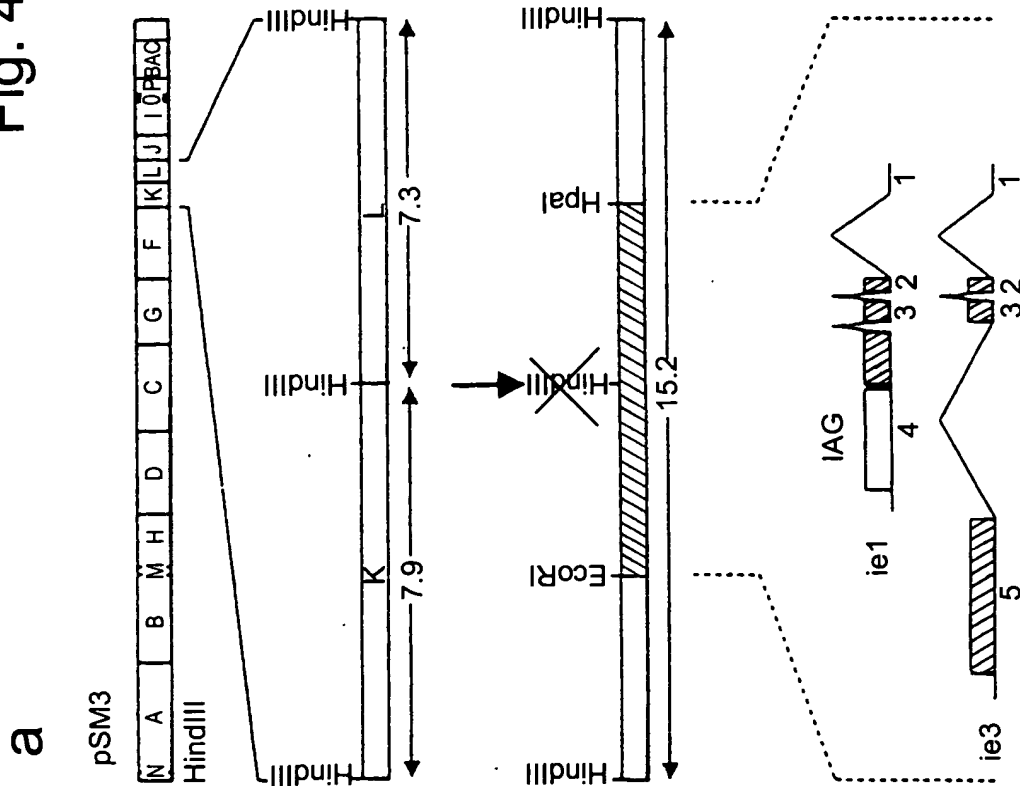


Fig. 4

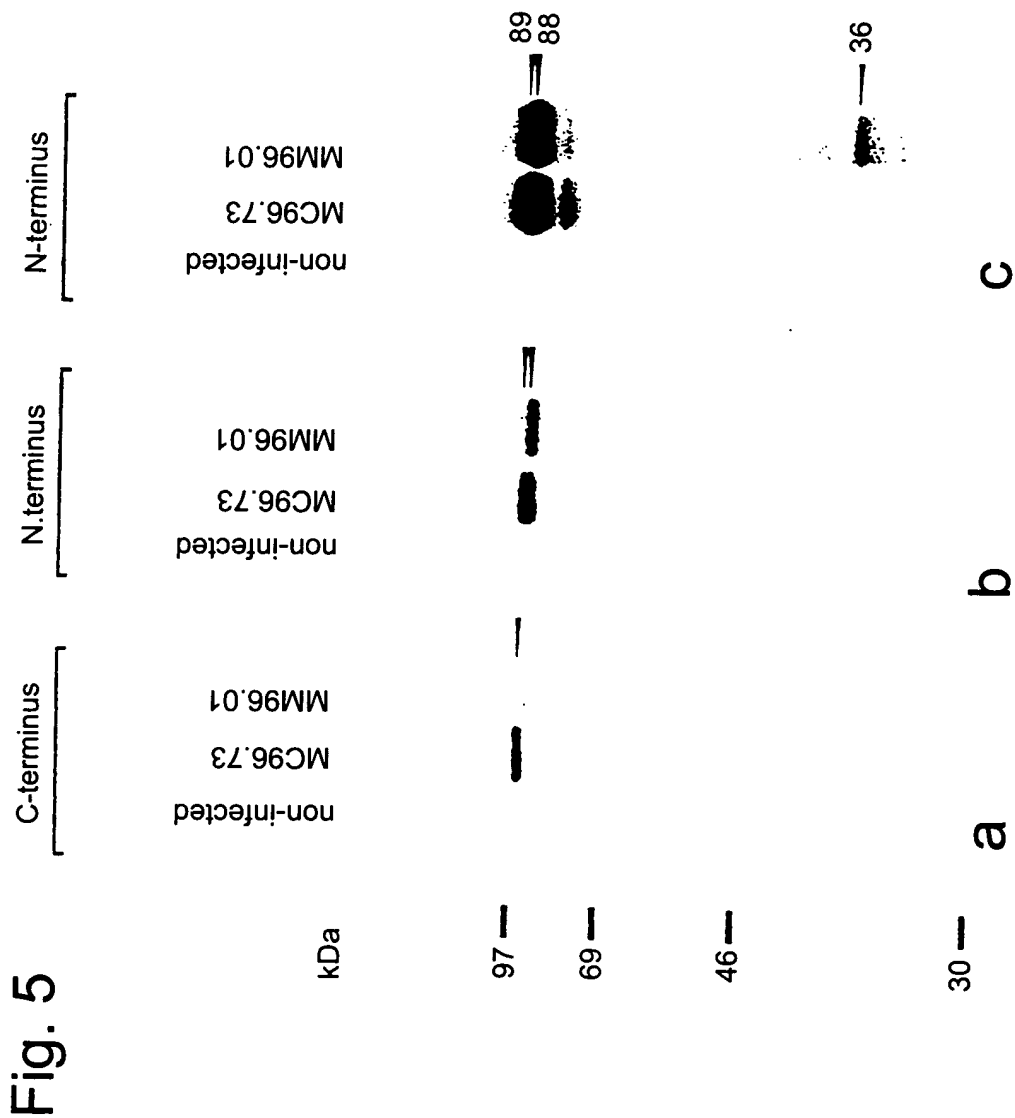




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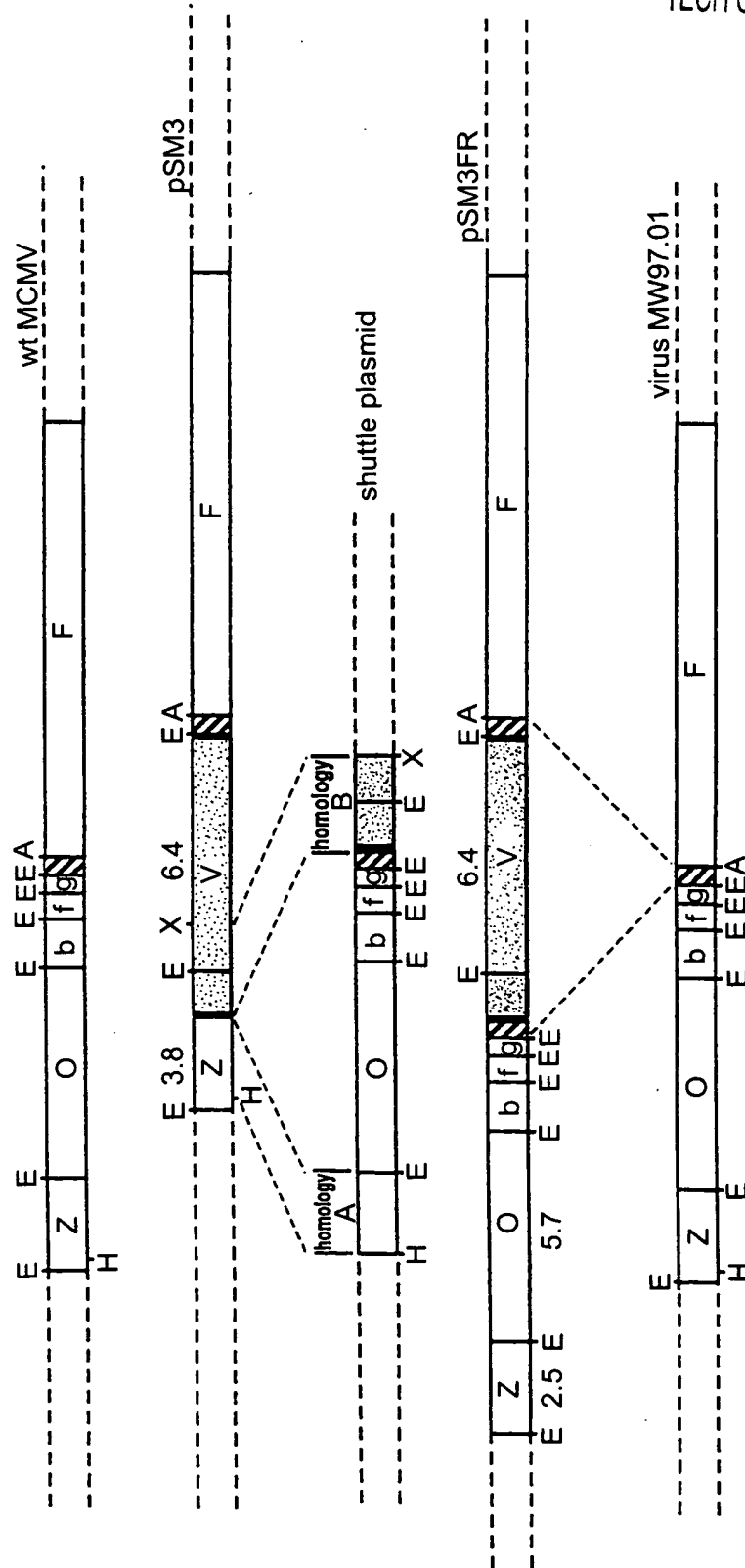
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Fig. 6



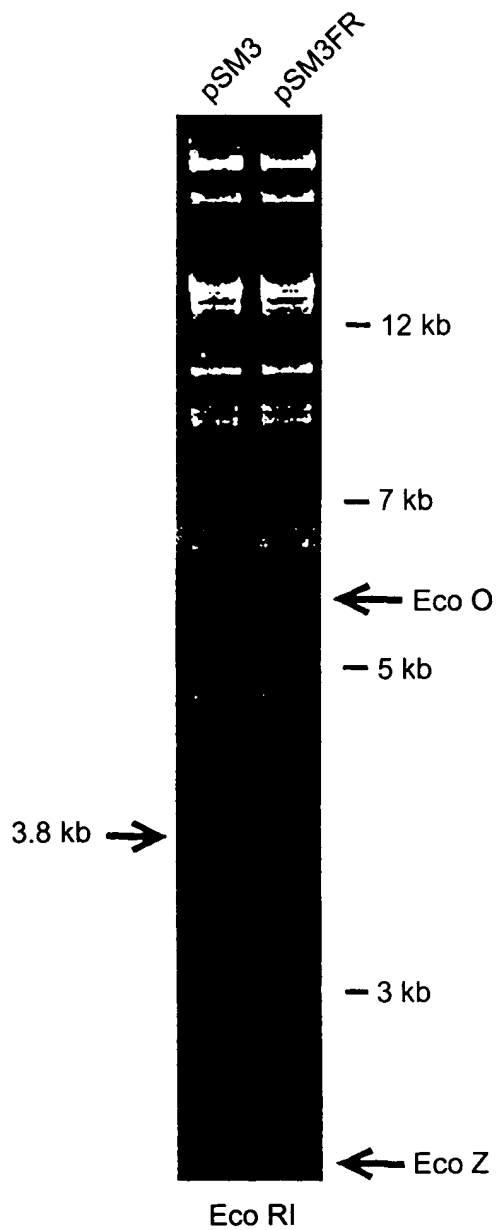


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Fig. 7

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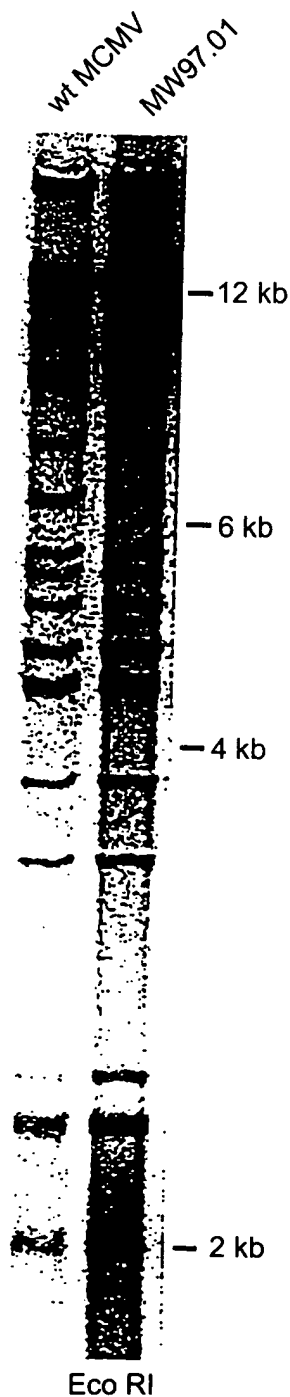
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Fig. 8

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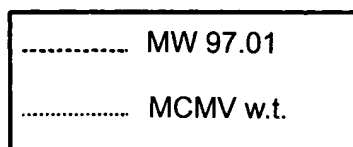
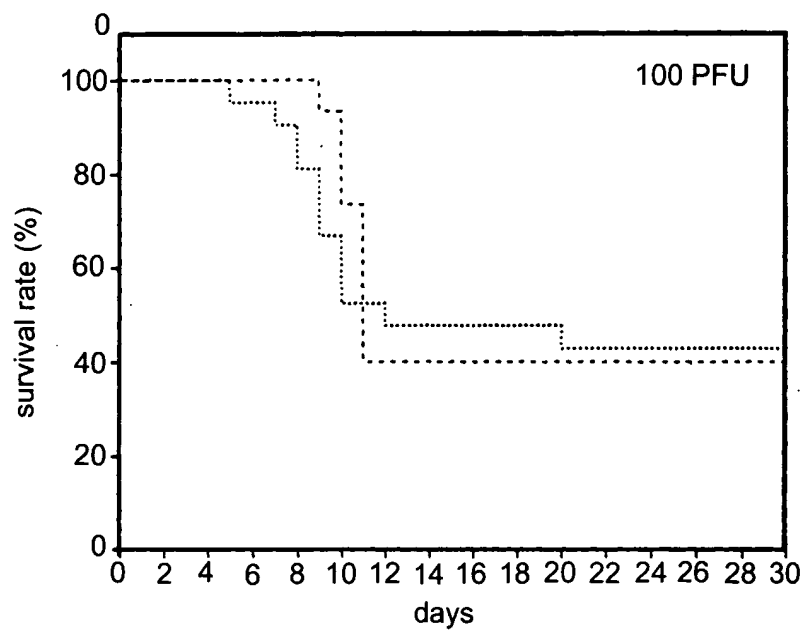
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Fig. 9



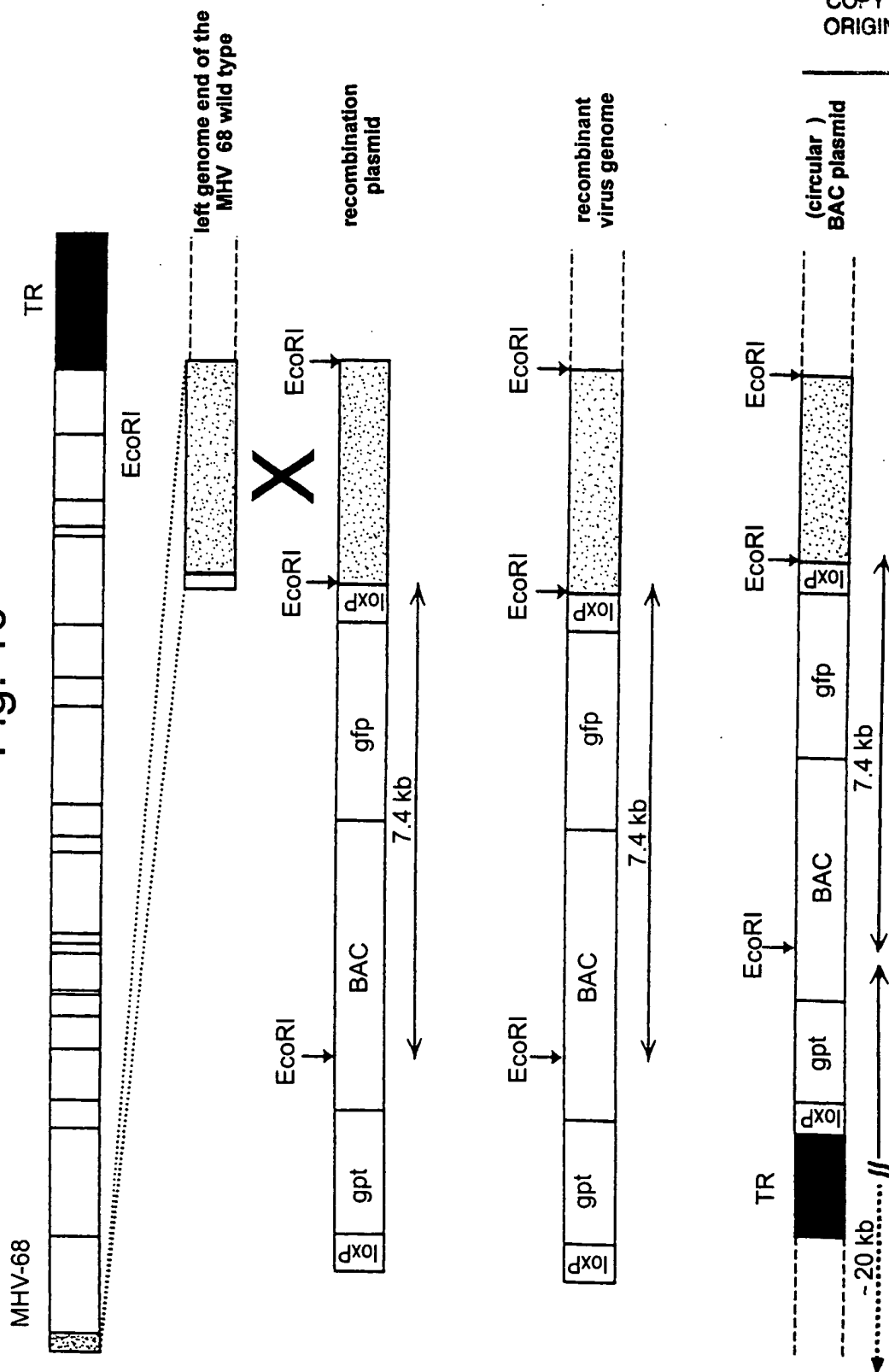


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Fig. 10





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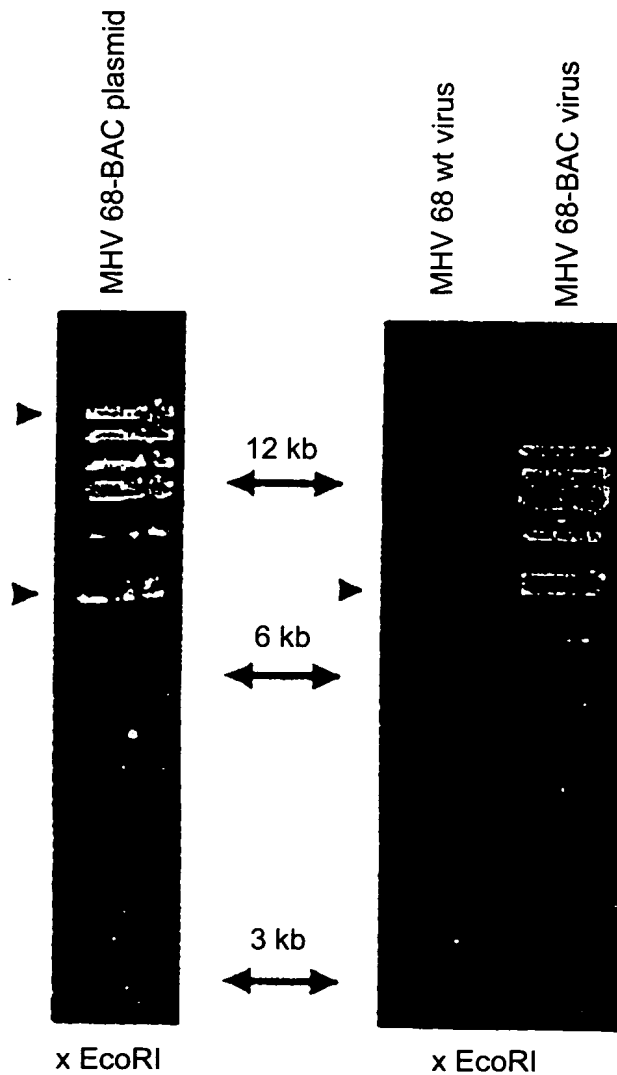
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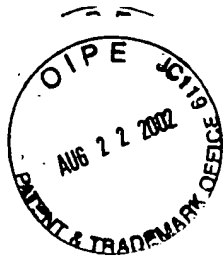
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Fig. 11



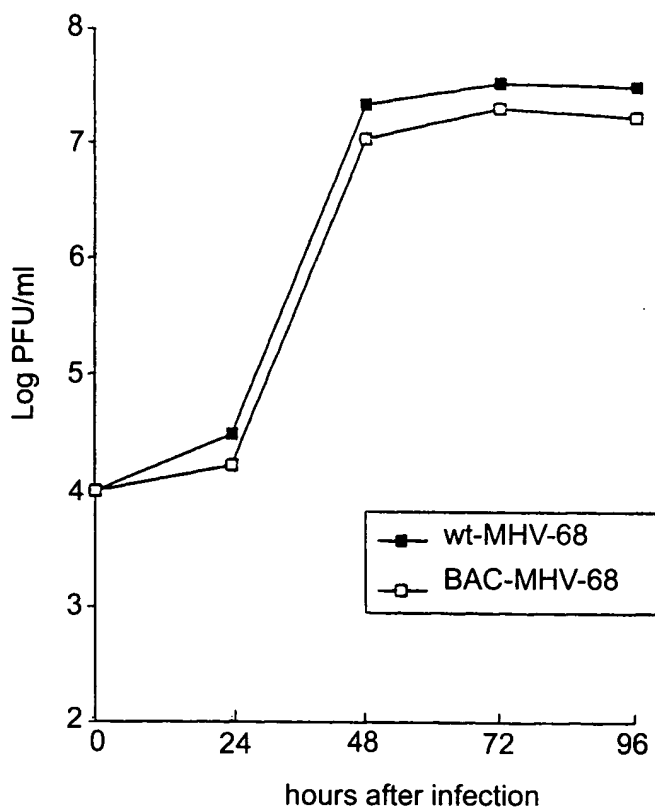


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Fig. 12

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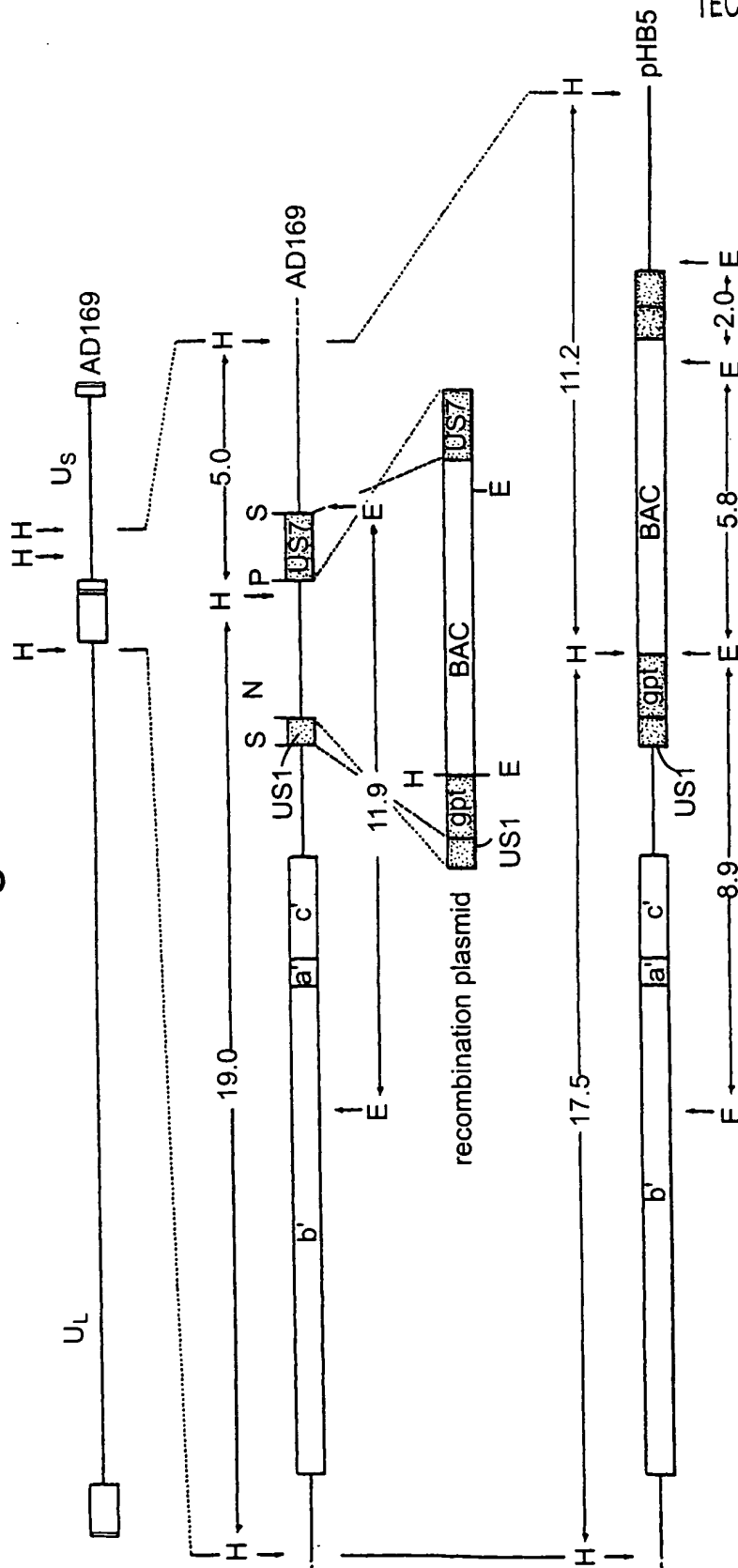
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Fig. 13





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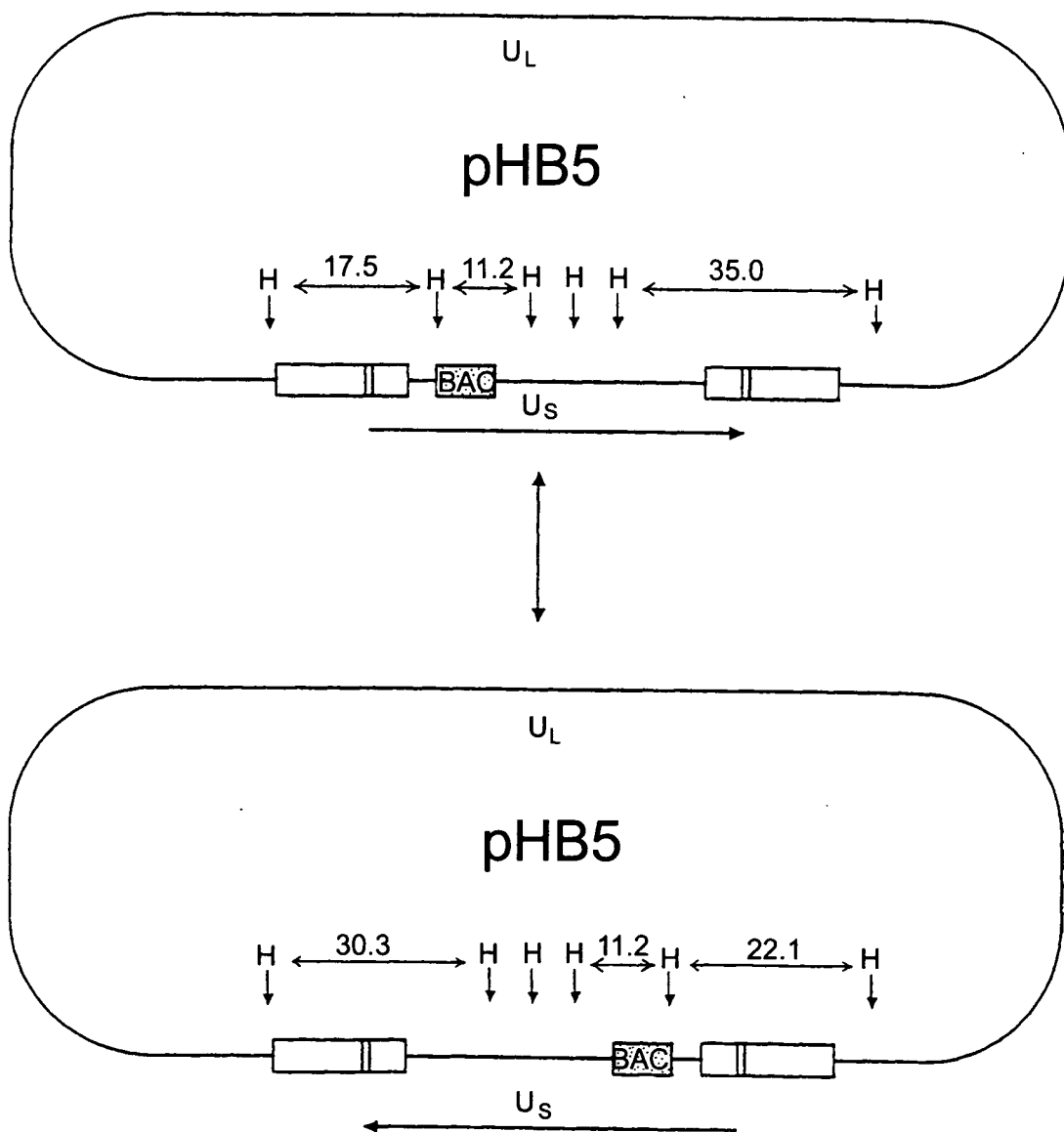
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Fig. 14





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Fig. 15





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Fig. 16

WT HCMV
HB 5 virus



◀ 2,0

x Eco RI



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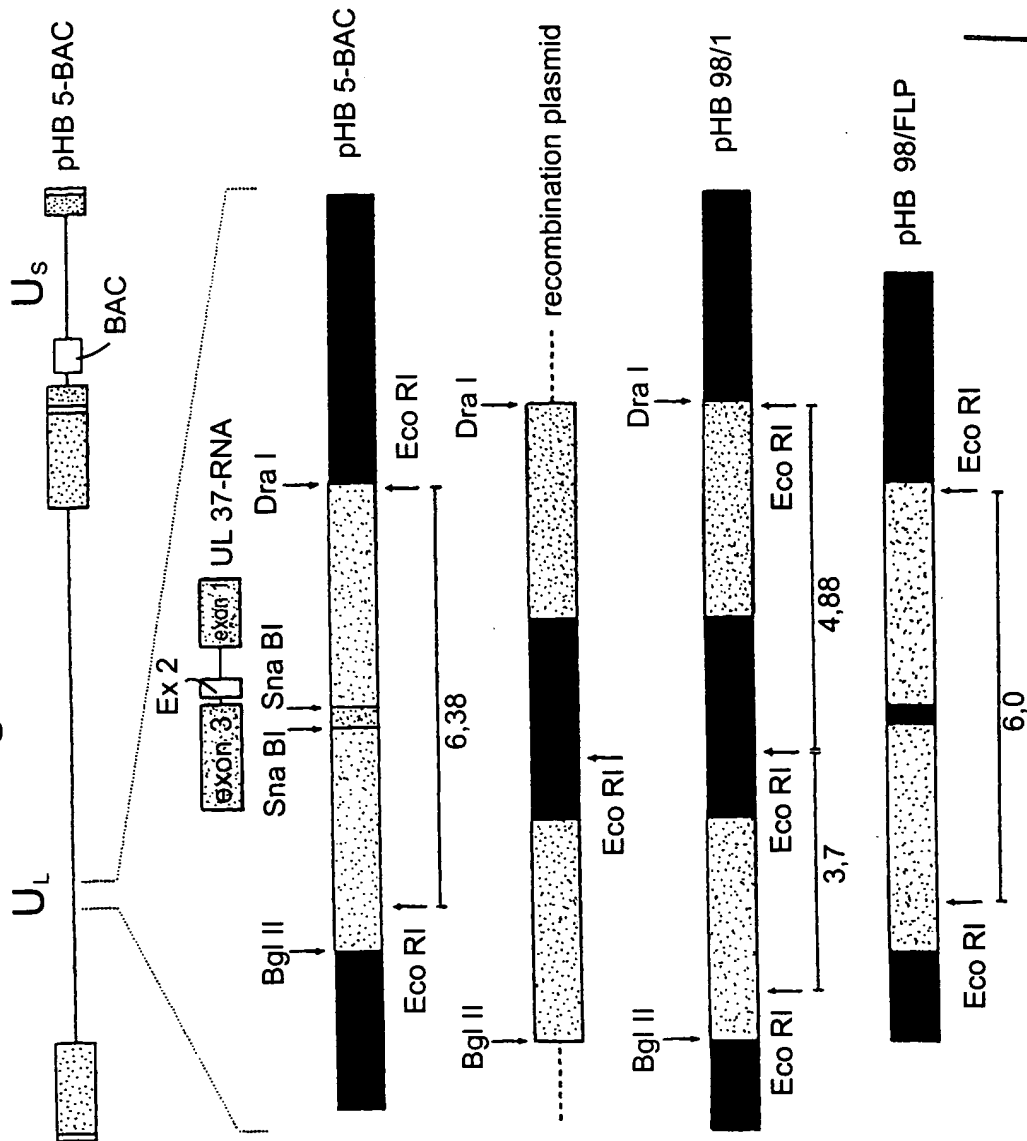
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Fig. 17





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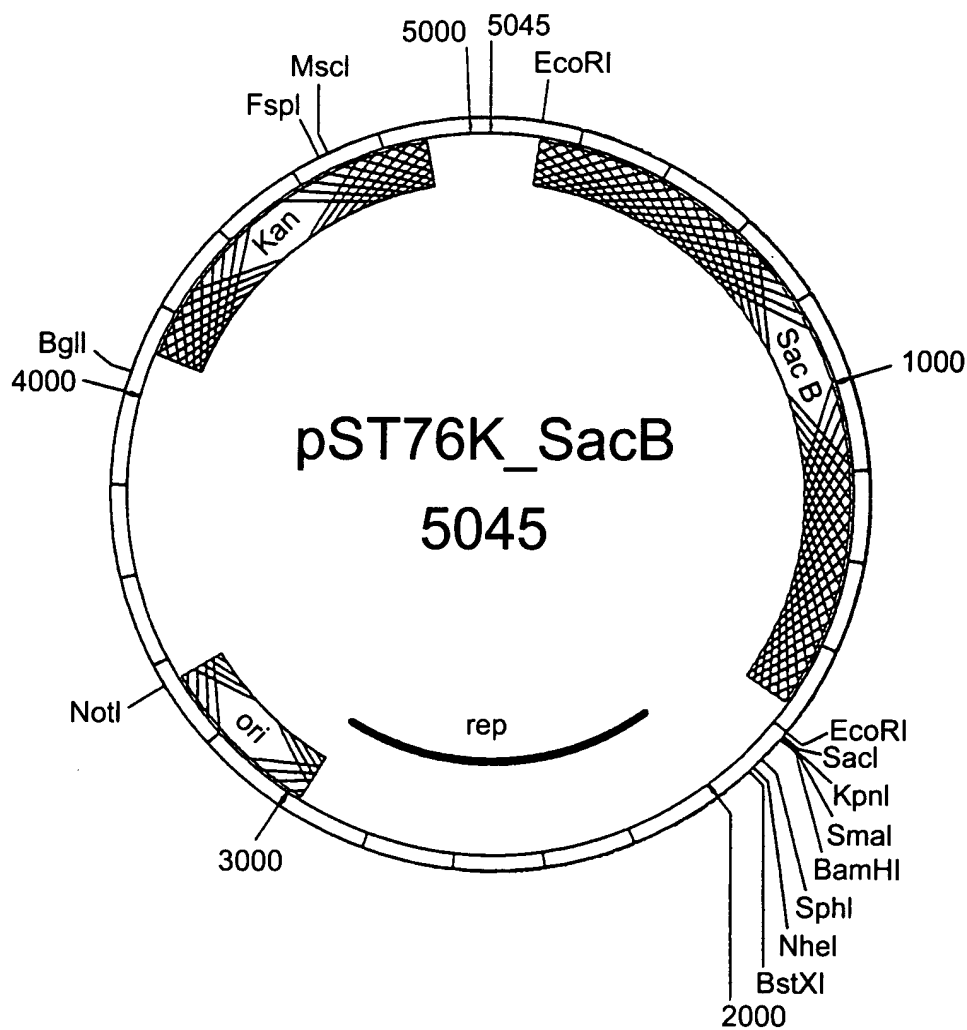
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Fig. 18





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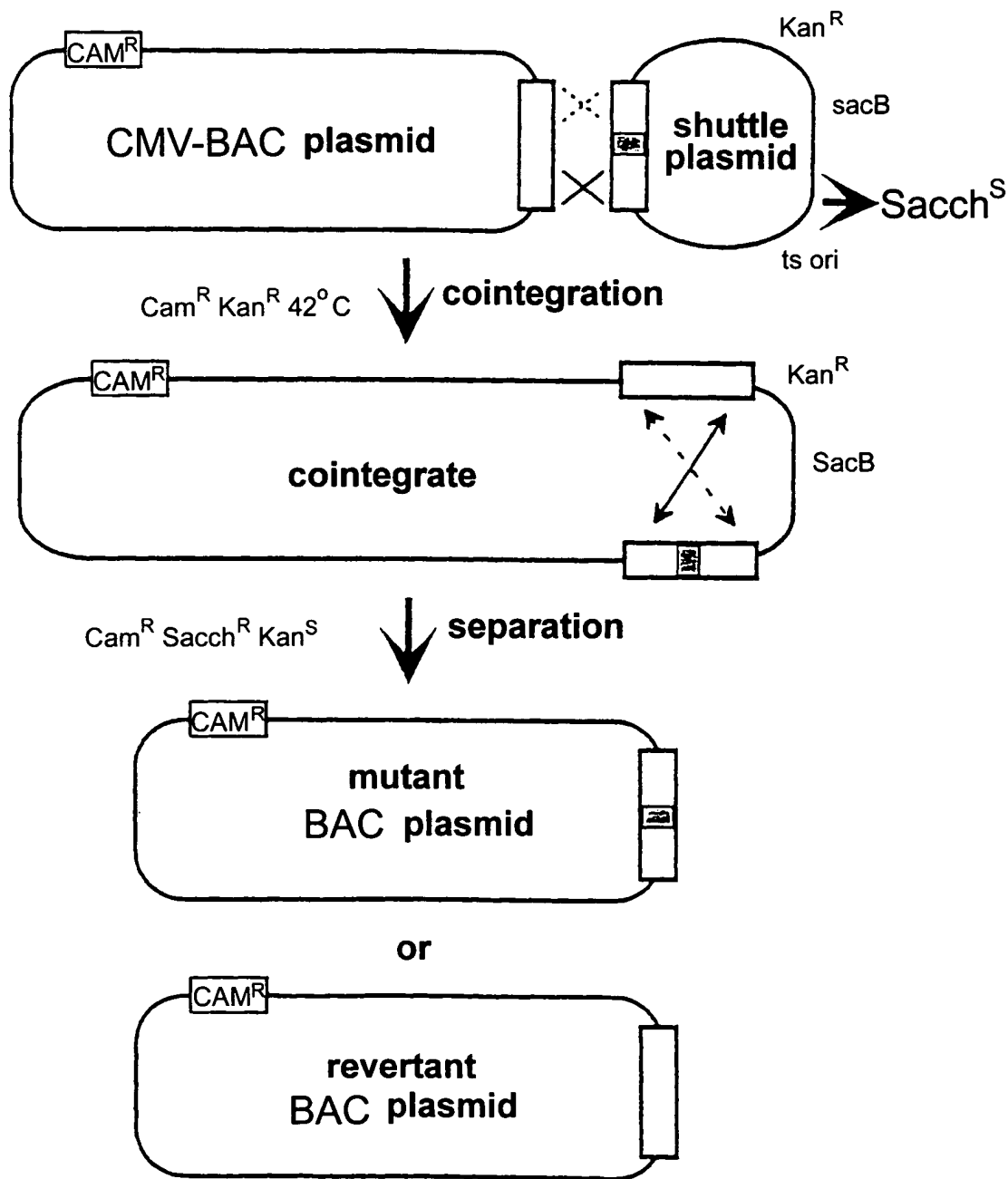
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Fig. 19





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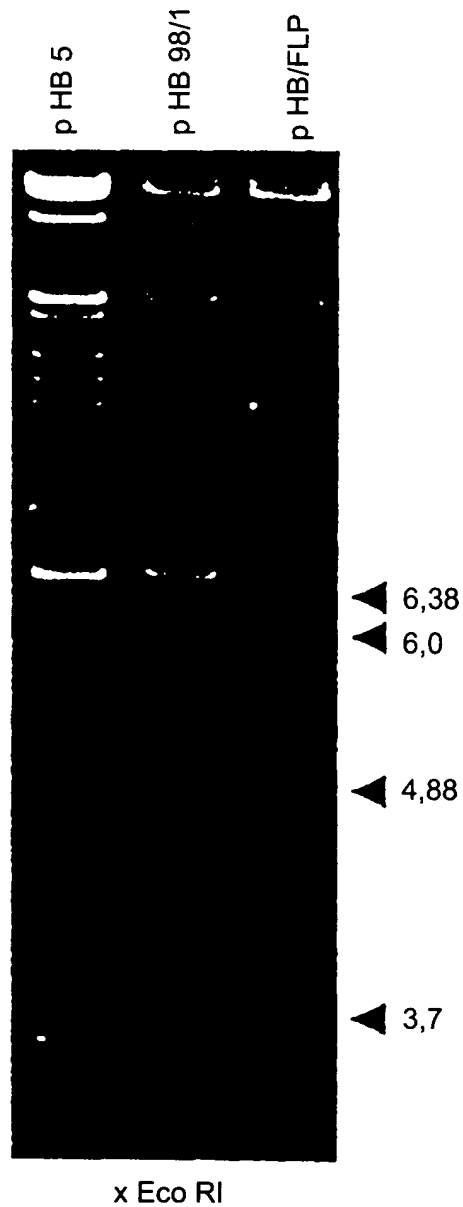
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Fig. 20

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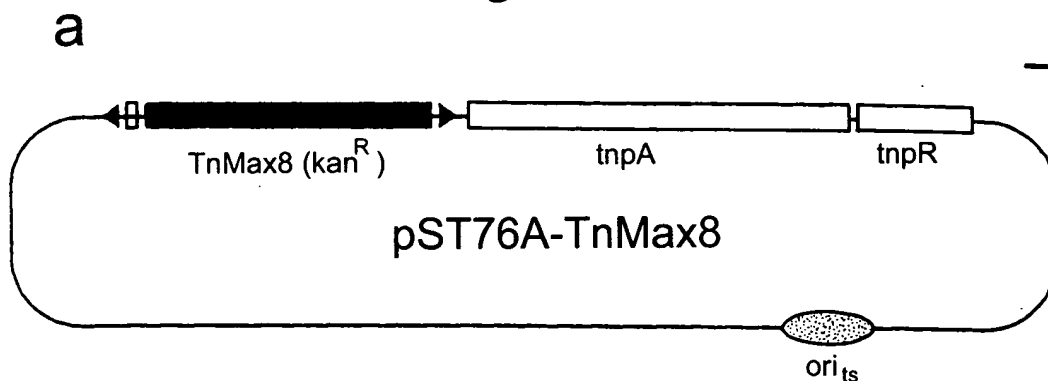


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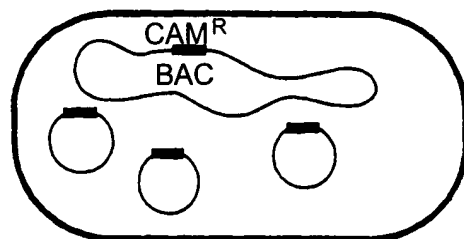
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Fig. 21

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b

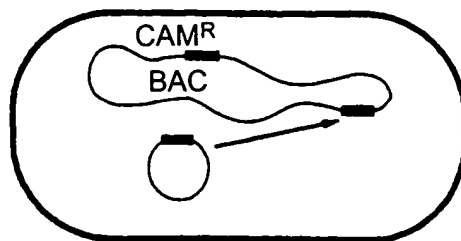


30°C

Induction of the
transposition



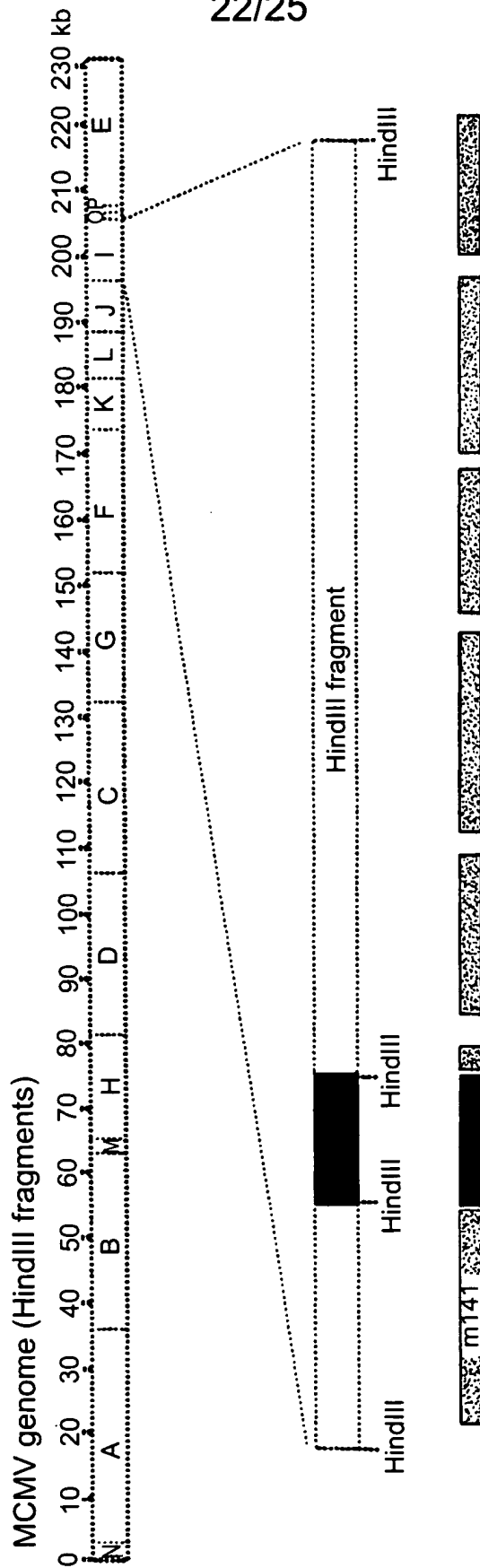
temperature-sensitive
"suicide" plasmid with
transposon
(e.g. pST76A-TnMax8)



42°C



Fig. 22



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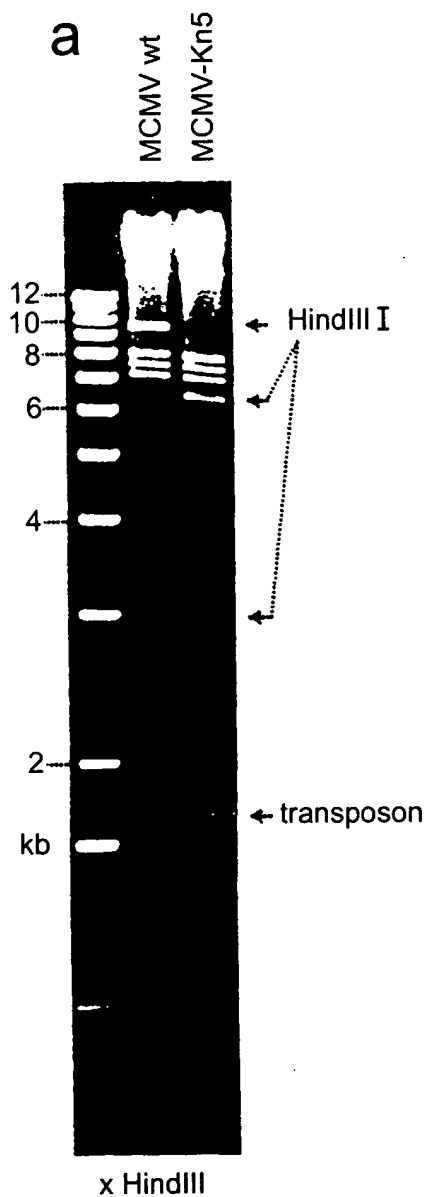


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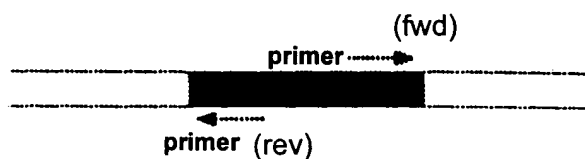
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Fig. 23

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b



	89	79	69
Kn5/rev	GGAGATCCCGAAACGGCCGAGCTC	TNTNCAG	
MCMV	GGAGATCCCGAAACGGCCGAGCTC	CCTCCAG	
	198810	198820	198830
	59	49	39
Kn5/rev	GTTGCGNGCCACCAGGTGCAGNGT	GTGCGTC	
MCMV	GTTGCGCGCCACCAGGTGCAGCGT	GTGCGTC	
	198840	198850	198860

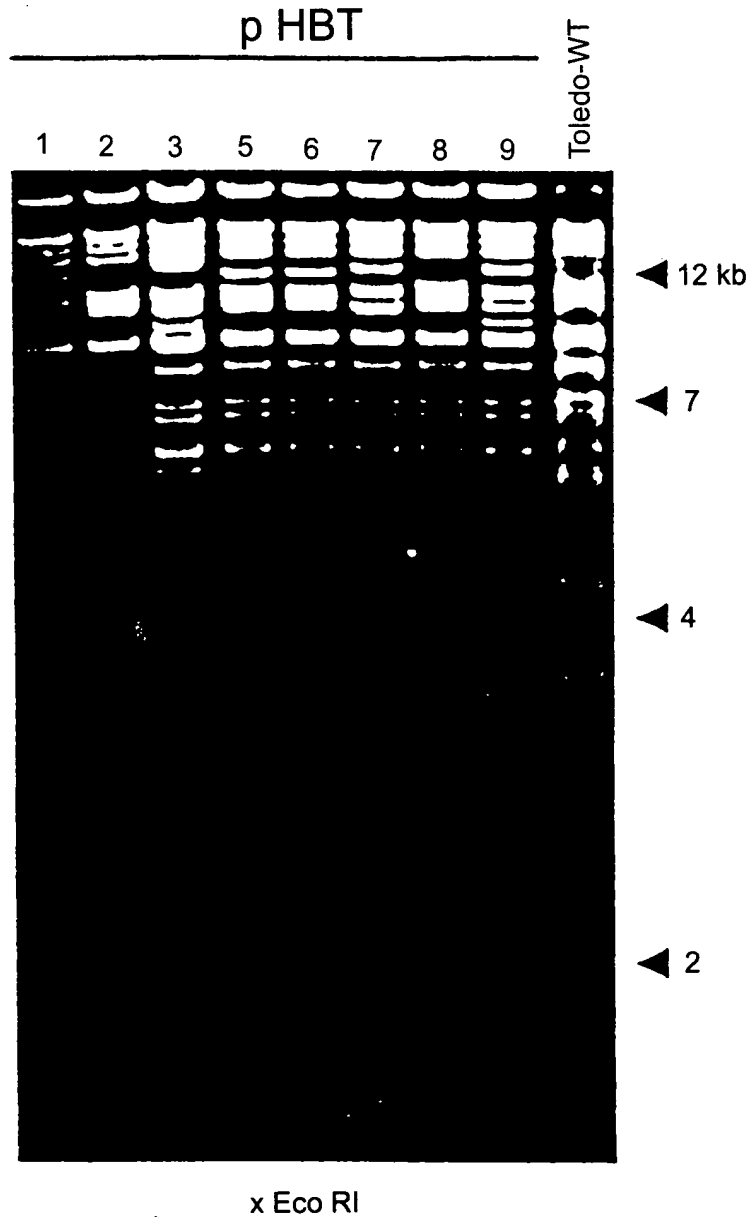


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Fig. 24

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Fig. 25

